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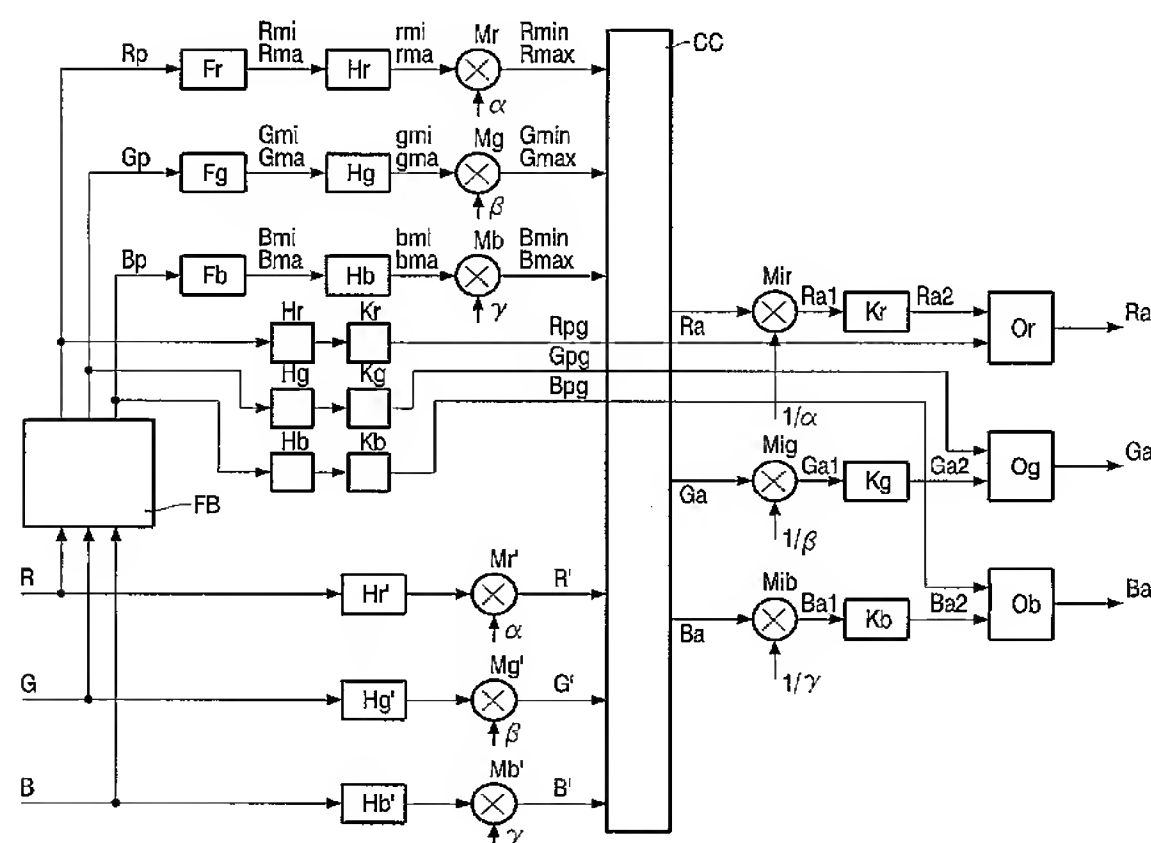
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(54) Title: DRIVING A MATRIX DISPLAY



(57) Abstract: A driver (D) for a matrix display panel (1) with a pixel (Pk) comprising a first and a second sub-pixel (SP11, 12) both having an inertia, receives a first and second input signal (R, G) indicating a first and a second desired brightness transition (BT1, BT2) of the first and second sub-pixel (SP 11, 12), respectively. The driver (D) supplies a first and a second drive signal (Ra, Ga) to the first and the second sub-pixel (SP11, 12), respectively. The first and a second drive signal (Ra, Ga) are supplied at a predetermined repetition rate, and levels of the first and the second drive signal (Ra, Ga) are limited between a minimum level (MI) and a maximum level (MA). The predetermined repetition rate may be the frame or line rate. The predetermined period is the reciprocal of the predetermined repetition rate. The driver (D) comprises: a detector (LV 1) which detects whether the first drive signal (Ra) within the single predetermined period (Tf) would have to surpass the maximum level (MA) or to fall below the minimum level (MI) in order to compensate for the inertia of the first sub-pixel (SP 11), and a level adapter (AC) which increases or decreases a level of the second drive signal (Ga) if it is detected that the first drive signal (Ra) would have to surpass the maximum level (MA) or fall below the minimum level (MI), respectively.



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